

**STATE OF NEW HAMPSHIRE**  
**OFFICE OF THE GOVERNOR**

**CHRISTOPHER T. SUNUNU**  
Governor

July 28, 2023

The Honorable Joseph R. Biden  
President of the United States  
The White House  
Washington, D.C. 20500

Through: Lori Ehrlich  
Regional Administrator  
FEMA Region 1, Boston, MA 02110

Dear Mr. President:

Under the provisions of Section 401 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. §§ 5121-5207 (Stafford Act), and implemented by 44 CFR § 206.36, I respectfully request that a major disaster be declared for the State of New Hampshire. This request is due to a severe winter storm and flooding from April 30 – May 1, 2023, that resulted in damages being validated throughout the Joint Preliminary Damage Assessment (PDA) process in Belknap, Carroll, Coos, Merrimack, and Strafford Counties and overwhelmed State and local resources requiring an immediate and urgent response. I hereby request a designation of the full Public Assistance Program for Belknap, Carroll, Coos, Merrimack, and Strafford Counties and a statewide designation of the Hazard Mitigation Grant Program.

As a direct result of the incident, NH sustained major damages to state and local infrastructure that led to numerous requests for state assistance. Reported damages were concentrated in Carroll County where the heaviest rain fell; however, other areas of the state saw intense rain and flooding that threatened public safety and damaged infrastructure. The impact of this event was felt throughout the local mutual aid and state systems as personnel and assets were diverted to the incident area. The response consumed staff time and exhausted available resources due to significant flash flooding conditions that caused extensive roadway destruction and left debris that restricted travel and emergency operations. Fortunately, there were no deaths or serious injuries associated with this incident.

Based on Initial Damage Assessments (IDA) reported by the local communities and state agencies, the Director of Homeland Security and Emergency Management (HSEM) requested the Joint PDA process on May 18, and they began on May 30, 2023. The Joint PDAs included the following counties: Belknap, Carroll, Cheshire, Coos, Grafton, Hillsborough, Merrimack, Rockingham, Strafford, and Sullivan. The effects of this incident in the State of New Hampshire are evident as demonstrated in the Public Assistance enclosure.

While the Joint PDAs were focused on Belknap, Carroll, and Merrimack counties, IDAs coordinated by HSEM prior to the Joint PDAs reported damages throughout the State of New Hampshire. From data collected during the IDA process that the State of New Hampshire completed, more than \$3.1 million in costs were incurred related to this incident.

Though the State indicator \$2,438,226 (\$1.77 per capita) was not exceeded during this incident in validated Public Assistance costs, the damages well exceeded that amount. The figures captured in Enclosure B reflect uninsured losses and only those that meet FEMA project eligibility; the overall costs were significantly higher. The Joint PDAs focused on reviewing damages to Category B – Emergency Protective Measures, Category C – Roads and Bridges, and Category G – Parks, Recreation, and Other. At the conclusion of the Joint PDAs, \$2,125,026 were validated in eligible Public Assistance costs.

FEMA additionally excluded more than \$50,000 in previously validated damages within Carroll County due to procurement concerns. There was additionally over \$150,000 in initial damages reported by communities not included due to the same concerns. There was no consideration of exigent circumstances that required the Towns to conduct the necessary repairs in the immediate timeframe that they had following the incident period. For example, in the Town of Albany, had the community not utilized the contractor they did to make necessary repairs it would have required the road to remain closed for an extended period. The delay in repairing and re-opening these roads ultimately would have impacted residents' abilities to access critical facilities such as: hospitals, fire or police stations and other like facilities. Lastly, it is important to note that two of these Towns have never participated in the FEMA Public Assistance program before.

NH Department of Transport (NH DOT) reported over \$100,000 in damages to federal highway jurisdiction roadways.

The communities that sustained the highest per capita impact in Carroll County were Eaton (\$65.79/capita), Madison/Village District of Edelweiss (\$63.10/capita), Ossipee (\$271.78/capita) and Tamworth (\$40.26/capita). In Belknap County, both Barnstead (30.70/capita) and New Hampton (\$19.29) had the highest per capita impacts. In Merrimack County, the highest per capita impact was the town of Hill (\$48.84/capita), Danbury (\$21.04/capita), and Wilmot (\$18.13/capita).

While almost all roads in the Town of Ossipee sustained some damage, there are approximately seven (7) roads that sustained significant damages. Construction of the roads are mixed - both dirt and paved. Damages range from culvert damages to shoulder damages and full road washouts. In total, roads were impassable for approximately 24 hours. There are about 6 houses that were unable to be accessed by emergency vehicles during the time where the roads were impassable. Even after roads were made passable for emergency purposes, additional repairs were required. At the conclusion of the Joint PDA, the Town of Ossipee had \$1,188,207 (\$271.78/capita) in validated damages. In 2022, the budget for the highways and streets in the community was \$1,240,050 which would be 90% of the annual appropriation if the incident occurred during that budget.

Within the Town of Madison, not including the Village District of Edelweiss, there are approximately 10 roads that sustained damages. Construction of the roads are mixed with both dirt



and paved roads. Damages ranged from overwhelmed culverts to shoulder washouts and roads with pavement undermining. In total, town roads were impassable for approximately 24 hours following the incident. A state road was closed for approximately 48 hours, due to damage from this storm. This closure functioned as the main route to the nearest hospital, seeing that a detour was opened it added an approximately 30-minutes to the transport time to that hospital.

The Town of Eaton sustained damages to several roadways. Damages range from culvert displacement, shoulder and roadway washouts, and roads that were partially undermined. One road was impassable for approximately two days requiring residents to make use of a lengthy detour. Situations such as these present a grave risk to the residents should the need have arisen for the utilization of emergency services.

Individual Assistance requests from residents have been managed by HSEM and a total of four (4) cases were received. Additional cases likely went unreported. One (1) of those cases have been moved to long term recovery and assistance is being coordinated through the NH Voluntary Organizations Active in Disaster. This resident, like many others did not have adequate flood insurance on their residence or belongings and therefore must pay for these costs out of pocket. This has created a significant financial hardship. The State remains committed to ensuring residents are aided in applying for other types of assistance programs. The State anticipates that there are many unreported cases of damages due to this incident transpiring.

Though at the State level Community Lifelines remained green throughout the entirety of the incident, individual communities were unable to maintain a green status for their individual lifelines.

Roadway impacts hindered Transportation, Health and Medical as well as Safety and Security, causing most impacted communities to operate in a yellow status for these lifelines until the water receded and roadways could be inspected and temporarily repaired. Though no serious injuries occurred during the incident, the State was made aware of at least one patient transported across a flooded river in Carroll County by a Swift Water Rescue team to an awaiting ambulance that was then transported to an area hospital.

A Weather Impact Summary was requested and received from the National Weather Service and has been provided as an enclosure to this letter.

Pursuant to the intensity of this severe storm and flooding, on April 30 – May 1, 2023, I executed the State Emergency Operations Plan (SEOP) with the activation of the State Emergency Operations Center (SEOC) to an enhanced monitoring level. While I did not declare a State of Emergency in New Hampshire, the nature and amount of State and local governmental resources that have been or will be used to alleviate the conditions of this disaster are as follows:

1. The SEOP was executed on May 2, 2023, and I instructed the Director of HSEM to activate and staff the SEOC. At 0830 hours on May 2, 2023, the SEOC opened at an enhanced monitoring level. The SEOC was activated to monitor the situation, coordinate state response activities and to respond to local requests for assistance and resources, if necessary.

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**TDD Access: Relay NH 1-800-735-2964**

The Director was in contact with the appropriate Emergency Support Function (ESF) lead agencies to ensure an adequate and timely response to the needs of our state, should a need have been identified. On May 1, 2023, HSEM additionally requested the Recovery FEMA Integration Team staff to the SEOC during the activation. NH HSEM utilizes WebEOC and an incident was created titled, "2023 – 005 Flooding Event 01 MAY," to allow state and local agencies to log requests or actions taken as a result of the storm. The SEOC returned to steady state as of 1615 hours on May 2, 2023, ensuring that there were no immediate needs of communities in impacted areas.

Before and after the SEOC activation, the HSEM Duty Officer remained on an on-call basis 24/7, to coordinate the needs of local communities during the recovery phase.

2. ESFs that were coordinated with during the Activation included: Transportation (ESF 1), Public Works and Engineering (ESF 3), Fire Fighting (ESF 4), Emergency Management (ESF 5), Public Safety and Law Enforcement (ESF 13), and Public Information (ESF 15).
3. The NH DOT coordinated transportation, public works, and engineering needs across the state. Numerous roads across the state required debris removal and repairs to infrastructure. The NH DOT Division of Operations Bureau of Transportation Systems, Management & Operations (TSMO) maintains 24/7 staffing to address needs immediately as they arise within the State. Between the hours of midnight on April 30, 2023, and midnight on May 1, 2023, a total of 12 staff on duty in the TSMO answered over 1,300 phone and radio communications. There were 25 reported obstructions (i.e., downed trees, utilities, debris in the roadway, etc.) without lane closures and over 20 separate flooding issues without lane closures. Additionally, there were 33 separate full or partial roadway closures because of the incident. There were an additional six (6) district offices that supported the operations throughout the event.
4. The NH Department of Environmental Services (DES) monitored and coordinated response to storm impacts to rivers, dams, and public drinking water supply. DES was available for dam inspections and additional monitoring of streams, as the need arose following flash flooding and washouts. DES Water Division – Dam Bureau conducted an inspection of the Dan Hole River Dam in Ossipee which had two areas damaged as part of the storm, though neither area pose an imminent risk to the dam's stability, though it is susceptible to repeated damage should similar or worse meteorological conditions occur.
5. On May 1, 2023, the Department of Safety, Division of Emergency Services and Communications (DESC) answered nearly 1,500 calls to 911 which is nearly a 25% increase from a normal day in May. Between April 30 – May 3, 2023, DESC answered nearly 5,000 calls to 911.

The State of New Hampshire continues to manage the recovery efforts for disasters, straining state and local resources. The following is list of active disasters that the State of New Hampshire continues to work toward close out: FEMA-4329-DR (July 1, 2017 – July 2, 2017, Severe Storm and Flooding in Coos and Grafton Counties), FEMA-4355-DR (October 29, 2017 – November 1,

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2017, Severe Storm and Flooding in Belknap, Carroll, Coos, Grafton, Merrimack, and Sullivan Counties), FEMA-4370-DR (March 2, 2018 – March 8, 2018, Coastal Storm and Flooding in Rockingham County), FEMA-4457-DR (July 11, 2019 – July 12, 2019, Severe Storm and Flooding in Grafton County), FEMA-4516-DR (January 20, 2020 – May 11, 2023, COVID-19 statewide), FEMA-4622-DR (July 17, 2021 – July 19, 2021, Severe Storm and Flooding in Cheshire County), FEMA-4624-DR (July 29, 2021 – August 2, 2021, Severe Storm and Flooding in Cheshire and Sullivan Counties), and FEMA-4693-DR (December 22, 2022 – December 25, 2022, Severe Storm and Flooding in Belknap, Carroll, Coos, and Grafton Counties).

The State of New Hampshire submitted a disaster declaration for eight (8) Counties due to a severe winter storm and snowstorm that impacted communities from March 13-15. At the initial conclusion of Joint PDAs more than \$2,649,138 in damages were validated by FEMA.

Additionally, the State of New Hampshire has been impacted by severe weather between the timeframe of June 17 and July 17. Dozens of local and state agencies completed initial damage assessments which resulted in the request for Joint PDAs. Notably, the Town of Ossipee, reported another \$750,000 in damages which is statistically significant. FEMA validated 158% from the April 30 – May 1, 2023, event, meaning additional damages were determined eligible than initial damage assessments.

Given the severity and magnitude of this natural disaster and the events that have transpired during the April 30 – May 1, 2023, incident and since then, Federal assistance is necessary to supplement the efforts and available resources of the state and local governments to recover from disaster related losses. Additionally, as required by 44 CFR § 206.36 (c)(5), I certify that all state and local government obligations and expenditures for the current disaster will comply with all applicable cost sharing requirements of the Stafford Act.

For New Hampshire local jurisdictions, the greatest remaining unmet recovery need associated with this severe storm and flooding is financial assistance to help avoid economic shock to businesses and families through local property taxes. Without federal assistance the ability of the communities within the State of New Hampshire to recover in a timely manner and avoiding long-term economic damage is severely hindered.

Thank you for your consideration of this Major Disaster Declaration Request. I look forward to your response. Please do not hesitate to contact me or my staff with any questions.

Sincerely,



Christopher T. Sununu  
Governor

Enclosures: OMB No. 1660-0009/FEMA Form 010-0-13  
B: Estimated Stafford Act Requirements for Public Assistance  
National Weather Service, Weather Impact Summary

DEPARTMENT OF HOMELAND SECURITY  
Federal Emergency Management Agency  
**REQUEST FOR PRESIDENTIAL DISASTER DECLARATION**  
**MAJOR DISASTER OR EMERGENCY**

OMB Control Number 1660-0009  
Expires 06/30/2023  
1. Request Date July 28, 2023

**Burden Disclosure Notice**

Public reporting burden for this form is estimated to average 9 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and submitting the form. This collection of information is required to obtain a benefit. You are not required to respond to this collection of information unless it displays a valid OMB control number. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 500 C Street SW, Washington, DC 20472, Paperwork Reduction Project (1660-0009). **NOTE: Do not send your completed form to this address.**

Completion of this form including applicable attachments satisfies legal requirements for emergency and major disaster declaration requests under 42 U.S.C. §§ 5170 and 5191, respectively, as implemented at 44 C.F.R. §§ 206.35 and 206.36. Failure to use this form may result in a failure to meet these requirements and/or a delay in processing the request.

2a. Name of State (as defined in Stafford Act 102, 42 U.S.C. § 5122) or Indian tribal government requesting declaration.

New Hampshire

2b. Population (as reported by 2010 Census) or estimated population of Indian tribal government's damaged area(s). 1,377,529

3. Governor's or Tribal Chief Executive's Name

Christopher T. Sununu

4. Designation of State or Tribal Coordinating Officer upon declaration (if available) and phone number

Austin T. Brown, 603-731-2628

5. Designation of Governor's Authorized Representative or Tribal Chief Executive Representative upon declaration (if available) and phone number

Robert M. Buxton, 603-668-5570

6. Declaration Request For: ☒ Major Disaster (Stafford Act Sec. 401)

☐ Emergency (Stafford Act Sec. 501 (a))

7. Incident Period: Beginning Date 04/30/2023 End Date 05/01/2023 or ☐ Continuing

*If requesting a "continuing" incident period, enclose an official statement from a qualified Federal Government agency acknowledged as a national authority in a specific incident field (e.g., United States Geological Survey for seismic incidents, the National Weather Service for flooding).*

7b. Type of Incident (Check all that apply)

- ☐ Drought ☐ Earthquake ☐ Explosion ☐ Fire ☒ Flood ☐ Hurricane ☐ Landslide ☐ Mudslide  
Severe Storm  
☒ (rain, high water, wind-driven, rain, hail, lightning) ☐ Snowstorm  
☐ (Must include Enclosure D: Historic and Current Snowfall Data) ☐ Straight-Line Winds  
☐ Tidal Wave ☐ Tornado ☐ Tropical Depression ☐ Tropical Storm ☐ Tsunami ☐ Volcanic Eruption ☐ Winter Storm  
☐ Other (please specify) \_\_\_\_\_

8. Description of damages (Short description of impacts of disaster on affected area and population). Include additional details in enclosed Governor's or Tribal Chief Executive's cover letter.

The State of New Hampshire sustained widespread damage to state and local infrastructure including private property damage in several counties as a direct result of the severe storms and flooding. This considerably strained State and local resources; it consumed staff time and exhausted available resources due to significant flooding conditions, extensive roadway destruction, and debris that restricted travel and emergency operations. The Town of Ossipee had \$1,188,207 in validated damages from the preliminary damage assessment (\$271.78/capita). Community Lifelines were also impacted in local communities.

9. Description of the nature and amount of State and local or Indian tribal government resources which have been or will be committed. Include additional details in enclosed Governor's or Tribal Chief Executive's cover letter.

The NH State Emergency Operation Plan was implemented on May 2, 2023, at 0830 hours with an enhanced monitoring activation of the State Emergency Operations Center, which included coordination with several State Emergency Support Function lead agencies. All affected State agencies, including but not limited to NH State Police and the Department of Transportation (DOT) committed available State resources responding to the incident. NH Department of Environmental Services monitored and coordinated response to storm impacts to rivers and dams. NH DOT answered over 1,300 phone and radio communications along with taking many other reports of storm damage including road closures. The SEOC was activated and staffed until May 2, 2023 at 1630 hours.



10. Joint Preliminary Damage Assessment\*

☐ Individual Assistance      Dates Performed      Requested      Start      End

Individual Assistance Accessibility Problems (Areas that could not be accessed, and why)

☒ Public Assistance      Dates Performed      Requested 5/18/2023      Start 05/30/2023      End 7/27/2023

Public Assistance Accessibility Problems (Areas that could not be accessed, and why)

11. Programs and Areas Requested

Individual Assistance ☒ N/A      ☐ Individuals and Households Program      ☐ Crisis Counseling Program      ☐ Disaster Unemployment Assistance  
☐ All      ☐ Disaster Case Management      ☐ Disaster Legal Services      ☐ Small Business Administration (SBA) Disaster Assistance

For the following jurisdictions, specify programs and areas (counties, parishes, independent cities; for Indian tribal government, list tribe(s) and/or tribal area(s)) If additional space is needed, please enclose additional documentation).

For States, identify Federally-recognized Tribes in the requested counties (if applicable).

Please see **Enclosure A: Supplemental Information for Individual Assistance** for additional information in support of this request\*.

\*Not Required for Emergency Declaration Request

11. Programs and Areas Requested (Continued)			
Public Assistance	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Debris Removal (Category A)	<input checked="" type="checkbox"/> Emergency Protective Measures (Category B) <input checked="" type="checkbox"/> Permanent Work (Categories C-G)* <small>(not available for Emergency Declaration Requests)</small>
<p>For the following jurisdictions, specify programs and areas (counties, parishes, independent cities; for Indian tribal government, list tribe(s) and/or tribal area(s)). If additional space is needed or your request includes different categories of work for different jurisdictions; please enclose additional documentation.</p> <p>I am requesting Public Assistance for the following counties: Belknap, Carroll, Coos, Merrimack, and Strafford.</p>			
<p>For States, identify Federally-recognized Tribes included in the requested counties (if applicable).</p>			
<p>Please see <b>Enclosure B: Supplemental Information for Public Assistance</b> for additional information in support of this request*.</p>			
<b>Indemnification for Debris Removal Activity</b>			
<input type="checkbox"/> I do not anticipate the need for debris removal.			
<input checked="" type="checkbox"/> I anticipate the need for debris removal, which poses an immediate threat to lives, public health and safety. Pursuant to Sections 403 and 407 of the Stafford Act, 42 U.S.C. §§ 5170b & 5173, the State or Indian tribal government agrees to indemnify and hold harmless the United States of America for any claims arising from the removal of debris or wreckage for this disaster. The State or Indian tribal government agrees that debris removal from public and private property will not occur until the landowner signs an unconditional authorization for the removal of debris.			
<b>Request for Direct Federal Assistance</b>			
<input checked="" type="checkbox"/> I do not request direct Federal assistance at this time.			
<input type="checkbox"/> I request direct Federal assistance for work and services to save lives and protect property, and:			
<p>a. I request the following type(s) of assistance:</p>			
<p>b. List of reasons why State and local or Indian tribal government cannot perform, or contract for, required work and services.</p>			
<p>c. In accordance with 44 C.F.R. § 206.208, the State or Indian tribal government agrees that it will, with respect to direct Federal assistance: (1) Provide without cost to the United States all lands, easements, and rights-of-ways necessary to accomplish the approved work; (2) Hold and save the United States free from damages due to the requested work, and shall indemnify the Federal Government against any claims arising from such work; (3) Provide reimbursement to FEMA for the non-Federal share of the cost of such work in accordance with the provisions of the FEMA-State or FEMA-Tribe Agreement ; and (4) Assist the performing Federal agency in all support and local jurisdictional matters.</p>			
<b>Request for Snow Assistance</b>			
<input checked="" type="checkbox"/> N/A <input type="checkbox"/> I request snow assistance.			
<p>Snow assistance for the following jurisdictions (Specify counties, independent cities or tribes and/or tribal areas).</p>			
<p>Please see <b>Enclosure D: Historic and Current Snowfall Data</b> for additional information in support of this request*.</p>			
<p>*Not Required for Emergency Declaration Request</p>			



## 11. Programs and Areas Requested (Continued)

Hazard Mitigation\* ☒ Statewide

OR

For the following specific counties, parishes, independent cities or tribes and/or tribal areas.

## 12. Mitigation Plan Information\*

a. Mitigation Plan Expiration Date September 3, 2023

b. Type of Plan

☐ Enhanced☒ Standard

## 13. Other Federal Agency Programs

☒ I do not anticipate requirements from Other Federal Agencies☐ I do anticipate requirements from Other Federal AgenciesPlease see **Enclosure C**: Requirements for Other Federal Agency Programs for additional information in support of this request\*.

## 14. Findings and Certifications

☒ I certify the following:

a. I have determined that this incident is of such severity and magnitude that effective response is beyond the capabilities of the State and the affected local government or Indian tribal government and that supplementary federal assistance is necessary.

b. In response to this incident, I have taken appropriate action under State or tribal law and have directed the execution of the State or Tribal Emergency Plan on May 2, 2023 in accordance with the Stafford Act.

c. The State and local governments, or Indian tribal government will assume all applicable non-Federal share of costs required by the Stafford Act.

## 15. List of Enclosures and Supporting Documentation

☒ Cover Letter ☐ Enclosure A (Individual Assistance)\*☒ Enclosure B (Public Assistance)\*☐ Enclosure C (Requirements for Other Federal Agency Programs)☐ Enclosure D (Historic and Current Snowfall Data)☒ Additional Supporting Documentation National Weather Service Impact Summary


Governor's or Tribal Chief Executive's Signature

July 28, 2023

Date

If anyone except the Governor or Tribal Chief Executive signs this document, please provide the documentation that establishes that this individual has the legal authority to act on behalf of the Governor or Tribal Chief Executive.

\*Not Required for Emergency Declaration Request

**ENCLOSURE B TO MAJOR DISASTER REQUEST**  
Estimated Stafford Act Requirements for Public Assistance  
**DAMAGE ASSESSMENT WORKSHEET**

## Severe Storm and Flooding Event

**April 30th, 2023**

## New Hampshire

Date:	7/27/2023	PUBLIC DAMAGE							GOAL			
Report #:	A	B	C	D	E	F	G	TOTAL	POP 2020 Est.	\$/CAP	\$4.44/CAP	SHORT
Belknap County	\$0	\$0	\$196,765	\$0	\$0	\$0	\$0	\$196,765	63,705	3.09	282,850	(86,085)
Carroll County	\$0	\$16,040	\$1,767,179	\$0	\$0	\$0	\$9,955	\$1,793,174	50,107	35.79	222,475	0
Cheshire County	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	76,458	0.00	339,474	(339,474)
Coos County	\$0	\$0	\$4,388	\$0	\$0	\$0	\$0	\$4,388	31,268	0.14	138,830	(134,443)
Grafton County	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	91,118	0.00	404,564	(404,564)
Hillsborough County	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	422,937	0.00	1,877,840	(1,877,841)
Merrimack County	\$0	\$0	\$125,499	\$0	\$0	\$0	\$0	\$125,499	153,808	0.82	682,908	(557,409)
Rockingham County	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	314,176	0.00	1,394,941	(1,394,942)
Strafford County	\$0	\$0	\$5,200	\$0	\$0	\$0	\$0	\$5,200	130,889	0.04	581,147	(575,948)
Sullivan County	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	43,063	0.00	191,200	(191,200)
State Agencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	State POP	\$/CAP	\$1.77/CAP	SHORT
Totals	\$0	\$16,040	\$2,099,031	\$0	\$0	\$0	\$9,955	\$2,125,026	1,377,529	1.54	\$2,438,226	(\$313,201)
NOTES:	DEBRIS CLEARANCE	PROTECTIVE MEASURES	ROAD SYSTEM	WATER CONTROL	BUILDINGS & EQUIPMENT	PUBLIC UTILITY	PARKS & OTHER		1,377,529	State Population Check Sum		
Percentages	0.00%	0.75%	98.78%	0.00%	0.00%	0.00%	0.47%					

# DAMAGE ASSESSMENT WORKSHEET

Date:	7/27/2023	PUBLIC DAMAGES - STATE AGENCIES NOT SPECIFIC TO ANY COUNTY						
Report #:	A	B	C	D	E	F	G	TOTAL
NH DOT								\$
NH DNCR								\$
NH F&G								\$
HSEM								\$
								\$
								\$
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$



# DAMAGE ASSESSMENT WORKSHEET

Date: 7/27/2023	PUBLIC DAMAGE									
Report #:	A	B	C	D	E	F	G	TOTAL	POP 2020	\$/CAP
Belknap County									63,705	
Alton								\$0	5,894	\$0.00
Barnstead			\$150,908					\$150,908	4,915	\$30.70
Belmont								\$0	7,314	\$0.00
Center Harbor								\$0	1,040	\$0.00
Gilford								\$0	7,699	\$0.00
Gilmanton								\$0	3,945	\$0.00
Laconia								\$0	16,871	\$0.00
Meredith								\$0	6,662	\$0.00
New Hampton			\$45,857					\$45,857	2,377	\$19.29
Sanbornton								\$0	3,026	\$0.00
Tilton								\$0	3,962	\$0.00
NH ELEC. COOP								\$0		
NH DOT								\$0		
NH DNCR								\$0		
NH F&G								\$0		
HSEM								\$0		
County Totals	\$0	\$0	\$196,765	\$0	\$0	\$0	\$0	\$196,765	63,705	\$3.09

NOTES: PDA Goal \$282,850 (\$86,085) Short

# DAMAGE ASSESSMENT WORKSHEET

Date: 7/27/2023	PUBLIC DAMAGE									
Report #:	A	B	C	D	E	F	G	TOTAL	POP 2020	\$/CAP
Carroll County									50,107	
Albany								\$0	759	\$0.00
Bartlett								\$0	3,200	\$0.00
Brookfield								\$0	755	\$0.00
Chatham								\$0	341	\$0.00
Conway			\$33,140					\$33,140	9,822	\$3.37
Eaton			\$26,643					\$26,643	405	\$65.79
Eidelweiss, Village of			\$45,639					\$45,639		
Effingham								\$0	1,691	\$0.00
Freedom								\$0	1,689	\$0.00
Hale's Location								\$0	132	\$0.00
Hart's Location								\$0	68	\$0.00
Jackson								\$0	1,028	\$0.00
Madison			\$116,214					\$116,214	2,565	\$45.31
Moultonborough								\$0	4,918	\$0.00
Ossipee		\$16,040	\$ 1,172,167					\$1,188,207	4,372	#####
Sandwich								\$0	1,466	\$0.00
Tamworth			\$113,203					\$113,203	2,812	\$40.26
Tuftonboro								\$0	2,467	\$0.00
Wakefield			\$127,871				\$9,955	\$137,826	5,201	\$26.50
Wolfeboro			\$83,487					\$83,487	6,416	\$13.01
NH ELEC. COOP								\$0		
NH DOT			\$48,815					\$48,815		
NH DNCR								\$0		
NH F&G								\$0		
HSEM								\$0		
County Totals	\$0	\$16,040	\$1,767,179	\$0	\$0	\$0	\$9,955	\$1,793,174	50,107	\$35.79

NOTES:

PDA

Goal

\$222,475

\$0 Short



# DAMAGE ASSESSMENT WORKSHEET

PAGE 1 OF 2 PAGES

Date: 7/27/2023	PUBLIC DAMAGE									
Report #:	A	B	C	D	E	F	G	TOTAL	POP 2020	\$/CAP
Coos County									31,268	
Atkinson & Gilmanton Academy Grant								\$0	0	#DIV/0!
Beans Grant								\$0	0	#DIV/0!
Beans Purchase								\$0	0	#DIV/0!
Berlin								\$0	9,425	\$0.00
Cambridge								\$0	16	\$0.00
Carroll								\$0	820	\$0.00
Chandlers Purchase								\$0	0	#DIV/0!
Clarksville								\$0	294	\$0.00
Colebrook								\$0	2,084	\$0.00
Columbia								\$0	659	\$0.00
Crawfords Purchase								\$0	0	#DIV/0!
Cutts Grant								\$0	0	#DIV/0!
Dalton								\$0	933	\$0.00
Dixs Grant								\$0	0	#DIV/0!
Dixville								\$0	4	\$0.00
Dummer								\$0	306	\$0.00
Errol								\$0	298	\$0.00
Erving's Location								\$0	0	#DIV/0!
Gorham			\$4,388					\$4,388	2,698	\$1.63
Greens Grant								\$0	0	#DIV/0!
Hadleys Purchase								\$0	0	#DIV/0!
Jefferson								\$0	1,043	\$0.00
KilKenny Township								\$0	0	#DIV/0!
Lancaster								\$0	3,218	\$0.00
Low and Burbanks Grant								\$0	0	#DIV/0!
Martins Location								\$0	2	\$0.00
Milan								\$0	1,358	\$0.00

# DAMAGE ASSESSMENT WORKSHEET

Coos County

PAGE 2 OF 2 PAGES

Date: 7/27/2023	PUBLIC DAMAGE									
Report #:	A	B	C	D	E	F	G	TOTAL	POP 2020	\$/CAP
Millsfield Township								\$0	25	\$0.00
Northumberland								\$0	2,126	\$0.00
Odell Township								\$0	1	\$0.00
Pinkhams Grant								\$0	0	#DIV/0!
Pittsburg								\$0	800	\$0.00
Randolph								\$0	328	\$0.00
Sargents Purchase								\$0	0	#DIV/0!
Second College Grant								\$0	1	\$0.00
Shelburne								\$0	353	\$0.00
Stark								\$0	478	\$0.00
Stewartstown								\$0	813	\$0.00
Stratford								\$0	662	\$0.00
Success Township								\$0	4	\$0.00
Thompson and Meserves Purchase								\$0	1	\$0.00
Wentworth								\$0	28	\$0.00
Whitefield								\$0	2,490	\$0.00
NH ELEC. COOP								\$0		
NH DOT								\$0		
NH DNCR								\$0		
NH F&G								\$0		
HSEM								\$0		
<b>County Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,388</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,388</b>	<b>31,268</b>	<b>\$0.14</b>

NOTES:

PDA

Goal

\$138,830

(\$134,443)

Short

# DAMAGE ASSESSMENT WORKSHEET

Date: 7/27/2023	PUBLIC DAMAGE									
Report #:	A	B	C	D	E	F	G	TOTAL	POP 2020	\$/CAP
Merrimack County									153,808	
Allentown			\$24,022					\$24,022	4,707	\$5.10
Andover								\$0	2,406	\$0.00
Boscawen								\$0	3,998	\$0.00
Bow								\$0	8,229	\$0.00
Bradford								\$0	1,662	\$0.00
Canterbury								\$0	2,389	\$0.00
Chichester								\$0	2,665	\$0.00
Concord								\$0	43,976	\$0.00
Danbury			\$26,294					\$26,294	1,250	\$21.04
Dunbarton								\$0	3,005	\$0.00
Epsom								\$0	4,834	\$0.00
Franklin								\$0	8,741	\$0.00
Henniker								\$0	6,185	\$0.00
Hill			\$49,672					\$49,672	1,017	\$48.84
Hooksett								\$0	14,871	\$0.00
Hopkinton								\$0	5,914	\$0.00
Loudon								\$0	5,576	\$0.00
Newbury								\$0	2,172	\$0.00
New London								\$0	4,400	\$0.00
Northfield								\$0	4,872	\$0.00
Pembroke								\$0	7,207	\$0.00
Pittsfield								\$0	4,075	\$0.00
Salisbury								\$0	1,422	\$0.00
Sutton								\$0	1,978	\$0.00
Warner								\$0	2,937	\$0.00
Webster								\$0	1,913	\$0.00
Wilmot			\$25,510					\$25,510	1,407	\$18.13
NH ELEC. COOP								\$0		
NH DOT								\$0		
NH DNCR								\$0		
NH F&G								\$0		
HSEM								\$0		
County Totals	\$0	\$0	\$125,499	\$0	\$0	\$0	\$0	\$125,499	153,808	\$0.82

NOTES: PDA
 
 Goal \$682,908 (\$557,409) Short



# DAMAGE ASSESSMENT WORKSHEET

Date: 7/27/2023	PUBLIC DAMAGE									
Report #:	A	B	C	D	E	F	G	TOTAL	POP 2020	\$/CAP
<b>Strafford County</b>									<b>130,889</b>	
Barrington								\$0	9,326	\$0.00
Dover								\$0	32,741	\$0.00
Durham								\$0	15,490	\$0.00
Farmington								\$0	6,722	\$0.00
Lee								\$0	4,520	\$0.00
Madbury								\$0	1,918	\$0.00
Middleton								\$0	1,823	\$0.00
Milton								\$0	4,482	\$0.00
New Durham								\$0	2,693	\$0.00
Rochester								\$0	32,492	\$0.00
Rollinsford								\$0	2,597	\$0.00
Somersworth								\$0	11,855	\$0.00
Strafford								\$0	4,230	\$0.00
NH ELEC. COOP								\$0		
NH DOT			\$5,200					\$5,200		
NH DNCR								\$0		
NH F&G								\$0		
HSEM								\$0		
<b>County Totals</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,200</b>	<b>130,889</b>	<b>\$0.04</b>

NOTES: **PDA**
Goal \$581,147 (\$575,948) Short



May 19, 2023

## **Flooding Impacts New Hampshire April 30th-May 1st, 2023**

### **Overview:**

A broad area of low pressure across the Great Lakes region stalled out well to the west of the region early on Sunday April 30th. A secondary area of low pressure developed and moved up the Eastern Seaboard and tracked across interior New England from Sunday April 30th through Monday May 1st. Flooding was enhanced for this weather event due to the seasonal timing of the rains with spring soils being high in moisture and the vegetation mostly dormant, leading to increased run-off.

Rain started across southern and coastal areas early on Sunday April 30th, with the focus of the heaviest rainfall Sunday night into early Monday morning. The rainfall on Sunday produced limited flooding, but set the stage for what was to come by swelling rivers and filling ditches ahead of the heavier rain across Western New Hampshire. Flooding developed rapidly with the heavy rain which started around midnight and continued through early morning Monday with rates between 1 to 1.5 inches an hour. Flash flooding resulted, mostly in the Mount Washington Valley. Runoff from earlier flash floods spilled into tributary rivers that led to ongoing flooding for the next couple of days with most rivers cresting later on Monday May 1st or on May 2nd.

There was also a period of gusty winds, with gusts generally between 30 to 45 mph across the state, including a 41 mph gust at Portsmouth. The winds had limited impacts to the power grid.

### **Storm Report Summary - May 1st, 2023**

[Link to New Hampshire / Western & Southern Maine Data](#)

### **Heavy Rain / Rainfall Reports:**

Periods of moderate to heavy rainfall increased throughout the day on Sunday and Sunday evening across Eastern New Hampshire, especially in Carroll and Strafford Counties. The focus of the heaviest rainfall continued across the White Mountains region and eastern portions of the state closer to the Maine border through Sunday night. Most of the rain fell across these areas in about a 12 hour period Sunday Night, with widespread areas seeing 2 to 4 inches of rain, with locally higher amounts across the highest peaks of the White Mountains. Lighter amounts were observed across western portions of the state through the Connecticut River Valley, Coos County and the Merrimack River Valley. Preliminary rainfall reports from the event are located in the following tables and images.



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL WEATHER SERVICE EASTERN REGION  
630 Johnson Ave. Suite 202  
Bohemia, NY 11716

County	Location	Rainfall Total (inches)
Carroll	1 N Madison	4.00
	Tuftonboro	3.61
	Center Conway	3.51
	Tamworth	3.45
	Brookfield 0.9 WSW	3.20
	Intervale 2.7 N	3.08
	Albany 2.8 SW	3.07
	North Conway	2.98
	White Mtn Nf	2.96
	Center Sandwich 4.9 E	2.95
	East Sandwich	2.95
	Wakefield 6.0 NNW	2.85
	Ossipee	2.50
	Effingham	2.15
	Wolfeboro 1.5 SE	1.89
	0.8 E South Tamworth	1.83
	North Sandwich	1.63
	West Ossipee 0.8 W	1.62
	Moultonborough	1.27
Rockingham	1 N Deerfield	3.56
	1.1 SE Greenland	2.68
	1.8 E Brentwood	2.56
	Nottingham	2.43
	Northwood 2.9 WSW	2.34
	Raymond	2.26





**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
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	Portsmouth	2.21
	1 S Exeter	2.20
	Windham	2.09
	North Hampton 1.4 ESE	2.06
	Hampstead	2.01
	0.5 W Epping	1.95
	Derry 5.7 N	1.88
	Stratham 1.9 ESE	1.75
	Hampton Falls 1.8 NW	1.75
	Danville	1.72
	Auburn 1.8 E	1.68
	Londonderry 3.3 W	1.46
	Chester	1.36
	Newmarket	1.27
	Fremont	0.77
<b>Strafford</b>	1.2 S East Kingston	0.72
	Strafford	3.09
	2 ENE Northwood	3.05
	MILTON	2.94
	New Durham 2.5 E	2.87
	Milton	2.52
	Rochester	2.44
	Dover	2.43
	Barrington 3.2 E	2.39
	Rollinsford 2.0 WSW	2.24
	Durham	1.80

**Table 1: April 30th - May 1st New Hampshire Observed Preliminary Rainfall Total Reports**



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL WEATHER SERVICE EASTERN REGION  
630 Johnson Ave. Suite 202  
Bohemia, NY 11716



## National Weather Service Gray/Portland Maine

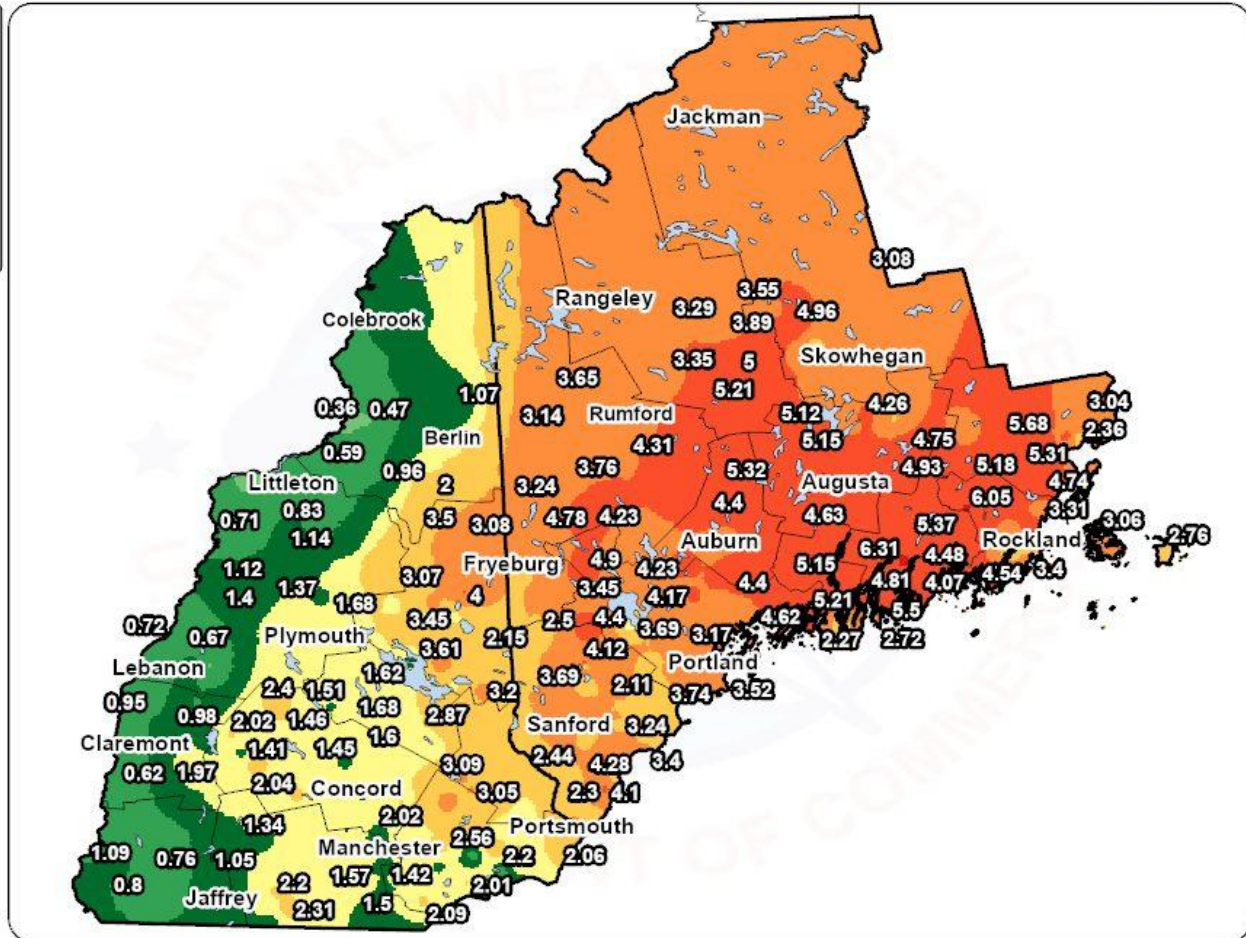
Rainfall April 30th - May 1st 2023

Analysis Data Source: Regional Observations



Created:  
05/01/2023 11:48AM

### Precipitation (in)

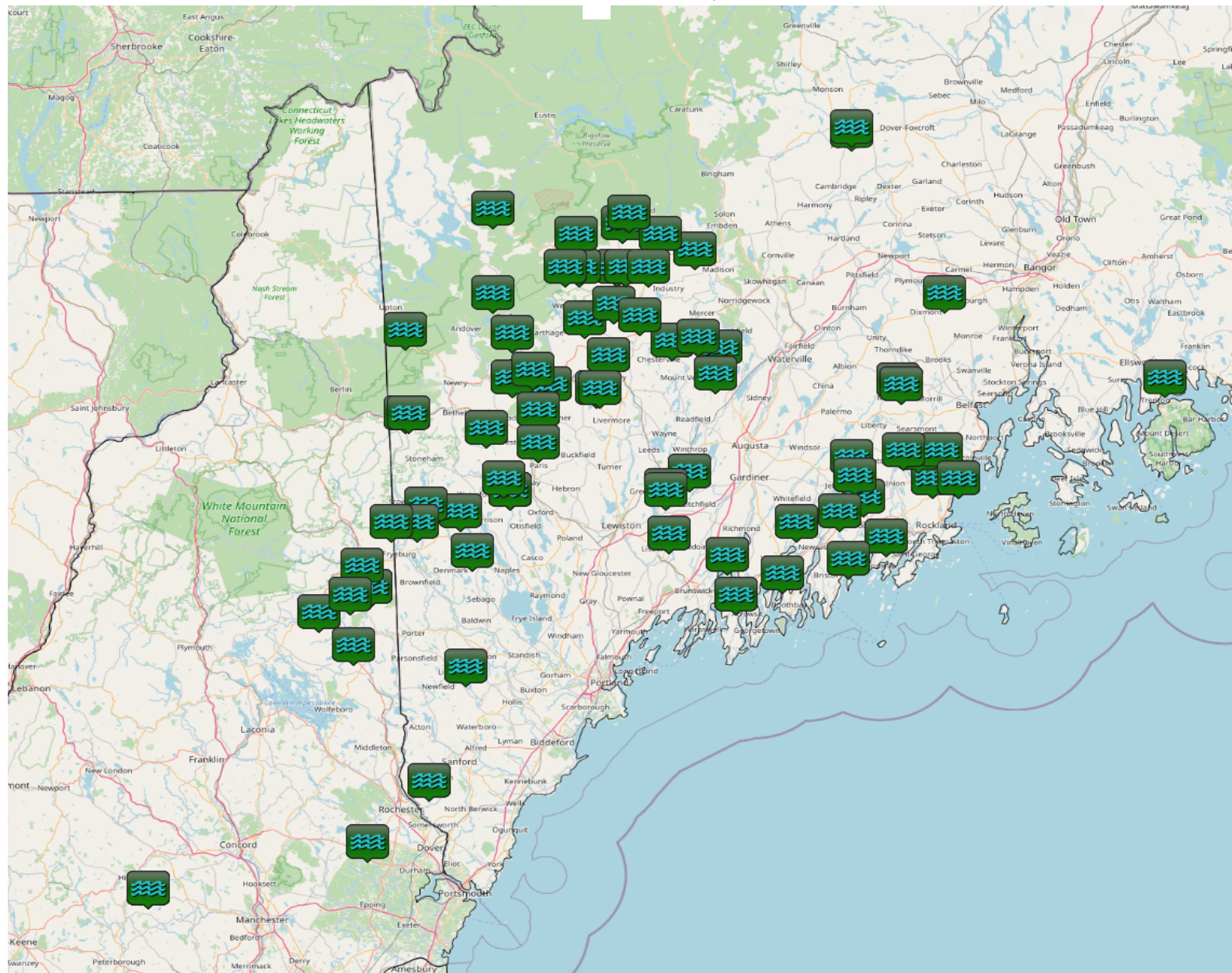


This is an experimental product of the NWS GAZPACHO software package. Care should be taken in using the data. Unofficial observations may be plotted. Values at interpolated locations may not represent actual reports at that location.

0 27.5 55 110 Miles



**Figure 1: April 30th to May 1st Observed Preliminary Storm Total Rainfall Map**



**Figure 5: May 1st Flooding Local Storm Reports**

## **River Forecast Point Flood Summary:**

River flooding occurred between May 1 and 3rd before receding. Flooding was most impactful on the Saco River, where the USGS river gauge at Conway recorded a flow and river stage at a 10 year recurrence rate, cresting at 13.6 feet on the afternoon of the 1st. Summary of river flood crests is listed below in table 2. Overall river flooding was minor outside of the upper Saco River Basin in the state.





**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL WEATHER SERVICE EASTERN REGION  
630 Johnson Ave. Suite 202  
Bohemia, NY 11716

**NWS Form E-3**

(04-2006)

(PRES. BY NWS Instruction 10-924)

**U.S. DEPARTMENT OF COMMERCE**  
**NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION**  
**NATIONAL WEATHER SERVICE**

Hydrologic Service Area (HSA)

**Gray, Maine**

**FLOOD STAGE REPORT**

REPORT FOR:

MONTH

YEAR

May

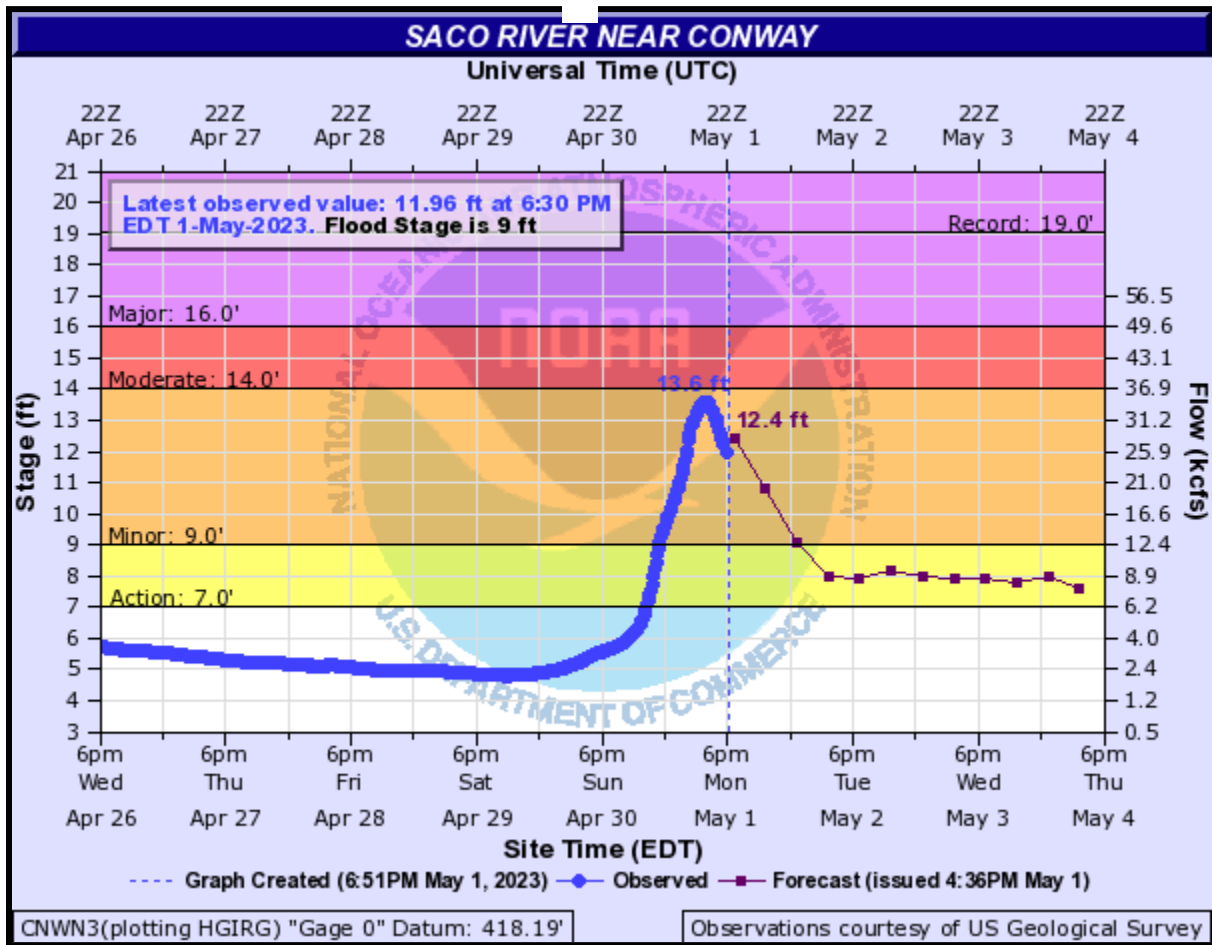
2023

RIVER AND STATION	FLOOD STAGE (Feet or cfs)	ABOVE FLOOD STAGES (Date)		CREST	
		FROM	TO	STAGE (Feet)	DATE
Swift River at Roxbury	7.0	05/01/23	5/1/2023	10.8	05/01/23
Suncook River at North Chichester	7.0	05/01/23	5/4/2023	9.91	05/02/23
Saco River at Conway	9.0	05/01/23	5/2/2023	13.6	05/01/23
Pemigewasset River at Woodstock	9.0	05/01/23	5/1/2023	10.01	05/01/23
Presumpscot River at West Falmouth	14.0	05/01/23	5/1/2023	14.32	05/01/23
Pemigewasset River at Plymouth	13.0	05/01/23	5/1/2023	13.14	05/01/23
Kennebec River at Skowhegan	35000.0	05/01/23	5/5/2023	76000	05/02/23
Carrabassett River at North Anson	15.0	05/01/23	5/2/2023	22.08	05/01/23
Kennebec River at Augusta	12.0	05/01/23	5/4/2023	20	05/02/23
Kennebec River at North Sidney	17.0	05/01/23	5/3/2023	24.9	05/02/23
Kennebec River at Hallowell	11.0	05/01/23	5/3/2023	16.62	05/02/23
Sandy River at Mercer	12.0	05/01/23	5/2/2023	14.62	05/02/23
Androscoggin River at Rumford	15.0	05/01/23	5/3/2023	15.76	05/02/23
Warner River at Davisville	8.0	05/01/23	5/2/2023	8.31	05/01/23
Androscoggin River at Auburn	13.0	05/01/23	5/3/2023	15.64	05/02/23
Lamprey River at Newmarket	8.0	05/03/23	5/2/2023	8.31	05/03/23

**Table 2: Summary of River Flooding at River Forecast Points from May 1-5th, 2023**



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL WEATHER SERVICE EASTERN REGION  
630 Johnson Ave. Suite 202  
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**Figure 6: Hydrograph of the River Flooding on Saco River in Carroll County, NH**

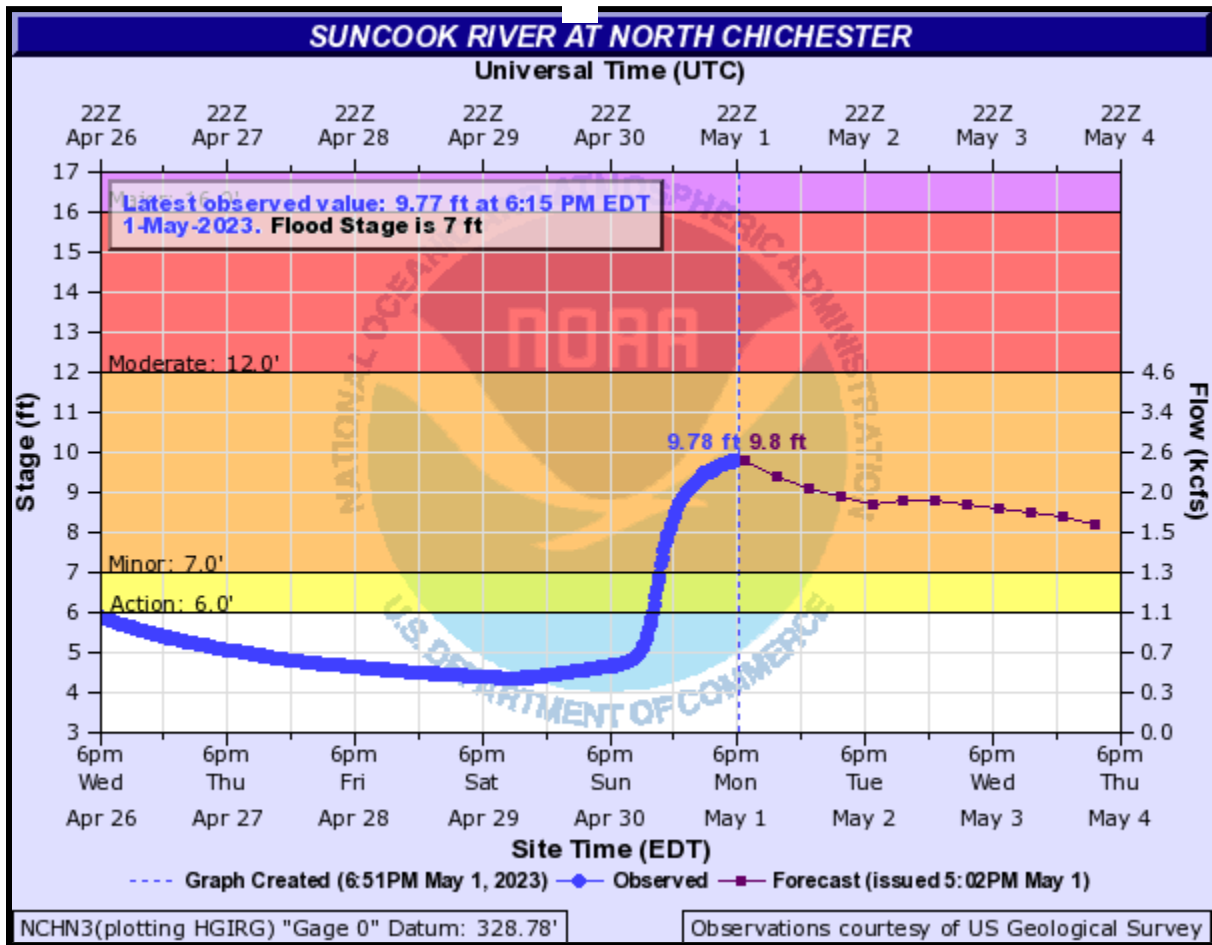
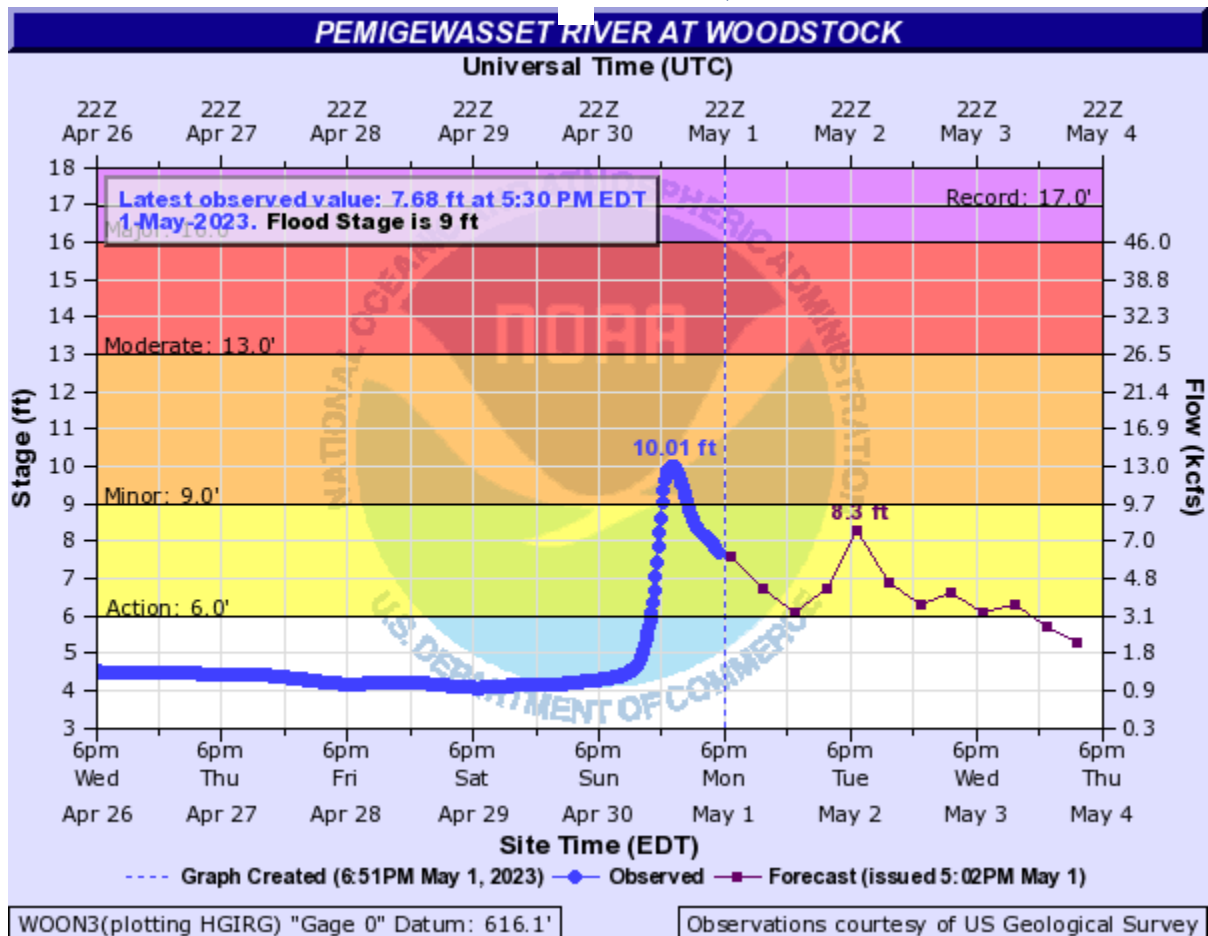


Figure 7: Hydrograph of the Suncook River at North Chichester





**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL WEATHER SERVICE EASTERN REGION  
630 Johnson Ave. Suite 202  
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**Figure 8: Hydrograph of Pemigewasset River at Woodstock**

Jamison, Dumont, Arnott, Lulofs

National Weather Service Forecast  
Office Portland-Gray Maine

Wichrowski, Sukup, Silverman,  
Doody, Manning

Emergency Response Meteorologists  
NWS Eastern Region Headquarters